

In eDAN
3/15/2004

In the Claims

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

1-12. (Cancelled)

13. (Currently amended) A method for determining gastric cancer in a patient, comprising, assaying a sample obtained from the patient for an antibody that specifically binds sterol carrier protein-X/sterol carrier protein-2, as a determination of the gastric cancer in said patient.

14. (Original) The method of claim 13, wherein the sterol carrier protein-X/sterol carrier protein-2 is encoded by a nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of SEQ ID NOs:19, 20, 21, and 22.

15. (Original) The method of claim 13, wherein the antibody is assayed using sterol carrier protein-X/sterol carrier protein-2 or an antigenic fragment thereof.

16-30. (Cancelled)

31. (Currently amended) A method for following the progress of a therapeutic regime designed to alleviate gastric cancer, comprising:

(a) assaying a sample obtained from a subject at a first time to determine the level of a ~~parameter selected from the group consisting of (i) a peptide derived from a sterol carrier protein X/sterol carrier protein 2, (ii) a cytolytic T cell specific for cells presenting said peptide, and (iii) an antibody which specifically binds sterol carrier protein-X/sterol carrier protein-2 to said peptide of said protein, at a first time period;~~

(b) assaying the level of the antibody parameter selected in (a) obtained from the subject at a second ~~period of time and comprising~~ comparing it to the level determined in (a) as a determination of effect of said therapeutic regime.

32. (Previously presented) The method of claim 31, wherein the sterol carrier protein-X/sterol carrier protein-2 is encoded by a nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of SEQ ID NOs:19, 20, 21, and 22.

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~~32~~³³. (New) The method of claim 32, wherein the antibody is assayed using sterol carrier protein-X/sterol carrier protein-2 or an antigenic fragment thereof.